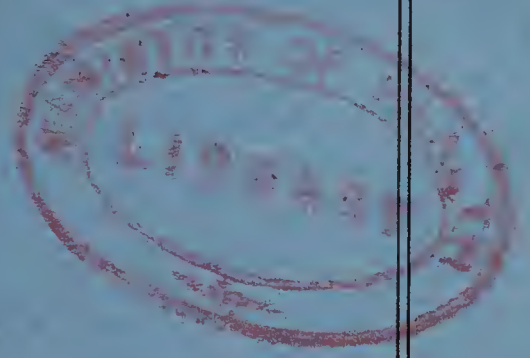


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ANNUAL
REPORT

OF THE

Medical Officer of Health

For the Year 1937

BY

ROBERT W. MACPHERSON,

M.D., CH.B., D.P.H.,

Medical Officer of Health.

1938.

THE WORKINGTON STAR LTD., PRINTERS.

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STAFF OF THE PUBLIC HEALTH DEPARTMENT.

ROBERT W. MACPHERSON,	Medical Officer of Health.
M.D., Ch.B., D.P.H.	School Medical Officer.
WILLIAM EADIE, M.D. ...	Deputy Medical Officer of Health. (part-time).
§*RICHARD JAMES	Senior Sanitary Inspector. Housing and Meat Inspector.
§*KENNETH KETLEY	Assistant Sanitary Inspector.
†PERCY L. LYNN	Assistant Sanitary Inspector. (part-time).
JOHN ASKEW	Dental Officer—Maternity and Child Welfare (part-time).
NURSE PRESCOTT	Health Visitor.
NURSE MORGAN	Health Visitor.
NURSE PURDY	Municipal Midwife.
MRS. CAVE	Municipal Midwife.
MISS ROBNETT	Matron—Ellerbeck Hospital.
SENHOUSE M. CASSON	Chief Clerk.
GEORGE ELLIOTT	Junior Clerk.

DR. J. N. DOUGLAS SMITH.	Consulting Gynaecologist, Carlisle, for Maternity and Child Welfare.
DR. J. A. ROSS	Consulting Ophthalmic Surgeon, Carlisle, for Maternity and Child Welfare.

* Certificate of R.S.I. and Sanitary Inspectors' Joint Board.

§ Certificate of Meat and Other Foods (R.S.I.)

† Certificate of R.S.I.

PUBLIC HEALTH AND MATERNITY AND CHILD WELFARE COMMITTEE.

1937-38.

COUNCILLOR S. WALKER (Chairman).

THE MAYOR (Alderman L. Casson).

COUNCILLOR MRS. E. CAIN.

„ MRS. E. E. SKELTON.

„ T. CAPE.

„ H. R. CLUCAS.

„ J. GOSS.

„ A. LOWE (Appointed in March).

„ A. NEEDHAM.

„ M. P. NILSSON.

„ J. O'HAGAN.

„ G. S. WRIGHT.

„ W. A. WALKER (Resigned in Feb.)

MRS. C. A. VALENTINE.

MRS. HEYWOOD.

MRS. JOHNSTONE.

} *Co-opted Members Maternity
and Child Welfare.*

MRS. E. APPLEBY.

MR. J. J. ADAMS.

} *Co-opted in October.*

MR. THOMAS JACKSON, *Town Clerk.*

TOWN HALL,

WORKINGTON,

June, 1938.

TO THE CHAIRMAN AND MEMBERS OF THE
PUBLIC HEALTH COMMITTEE.

Mr. Chairman, Ladies and Gentlemen,

I beg to present my Annual Report for the year 1937.

The general health of the inhabitants of the Borough has been satisfactory.

In reference to the Vital Statistics, the Death Rate is practically the same as the previous year. The Birth Rate is increased and the Infantile Mortality Rate is the second lowest rate recorded for the Borough.

Influenza and Measles were present in epidemic form and there was a localised outbreak of Scarlet Fever in the Salterbeck area, during the latter end of the year.

Much progress has been made with Housing conditions and all Clearance Areas and Individual Unfit Houses have been dealt with under the 1930 Housing Act.

It is intended to proceed with the overcrowded dwellings in the coming year.

I record my appreciation to the Staff of the Health Department for their willing help and assistance during the year.

I am,

Ladies and Gentlemen,

Your obedient servant,

ROBERT W. MACPHERSON, M.D., D.P.H., CH.B.,
Medical Officer of Health.



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Section A.

STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

BIRTH RATE, DEATH RATE AND INFANTILE MORTALITY FOR THE YEAR 1937.

	Birth Rate per 1,000 population	Death Rate per 1,000 population	Infantile Mortality Rate per 1,000 live births.
England and Wales ...	14·9	12·4	58·0
125 Great Towns ...	14·9	12·5	62·0
148 Smaller Towns ...	15·3	11·9	55·0
London ...	13·3	12·3	60·0
Cumberland ...	16·0	13·8	61·0
Urban Districts of Cumberland	16·9	13·9	59·0
Rural Districts of Cumberland	15·3	13·3	63·0
WORKINGTON ...	17·05	14·03	56·0

Area (in acres) ...	5,641
Population (R.G.'s Estimate) ...	27,380

The Registrar-General's figure for the population of 27,380 is 340 less than for the previous year.

Number of Inhabited Houses ...	7,084
Rateable Value ...	£116,487
Sum Represented by a 1d. Rate ...	£432.9

Social Conditions.

There has been no change in the principal occupations of the inhabitants in the Borough.

The following table shows the number of unemployed persons in the Borough, registered at the Labour Exchange, during each month of the year:—

UNEMPLOYMENT FIGURES.

1937.	Men.	Women.	Boys.	Girls.	Total.
January	2,254	175	127	126	2,682
February	2,252	176	127	96	2,651
March	2,281	160	115	71	2,627
April	2,470	123	143	86	2,822
May	1,950	94	70	67	2,181
June	1,852	109	74	36	2,071
July	1,716	88	123	90	2,017
August	1,783	92	111	71	2,057
September	1,643	102	95	70	1,910
October	1,763	146	84	83	2,076
November	1,666	193	75	106	2,040
December	1,704	141	81	65	1,991

VITAL STATISTICS.

Births.

	Total.	Males.	Females.
Live Births	467	250	217
Legitimate	448	242	206
Illegitimate	19	8	11

Birth Rate per 1,000 of Estimated Population = 17.05.

The Birth Rate is higher than the previous year, there having been 46 more births.

Year.	No. of Births.			Birth-rate per 1000,	No. of Illegitimate Births.		
	Males.	Females	Total		Males.	Females	Total
1933	193	186	379	15.4 per 1,000	9	5	14
1934	209	249	458	16.9 ,,	18	14	32
1935	238	241	479	17.2 ,,	8	14	22
1936	215	206	421	15.2 ,,	14	5	19
1937	250	217	467	17.05 ,,	8	11	19

Still Births.

	Total.	Males.	Females.
Still Births—Legitimate ...	12	7	5
—Illegitimate ...	—	—	—
	—		
Total ...	12		
	—		

Rate per 1,000 total (live or still) births = 25.05.

Deaths.

	<i>Total.</i>	<i>Males.</i>	<i>Females.</i>
Deaths	359	171	188
Death Rate per 1,000 estimated resident population (As corrected by Comparability Factor) =	14.03		

There was an increase in the number of deaths from Influenza (17) compared with the previous year (3).

DEATHS OF RESIDENTS IN AGE GROUPS.

	Under 1 Year	1-5	5-15	15-25	25-45	45-65	65 and over	Total
Males	18	6	5	8	18	48	85	188
Females	8	13	4	12	17	32	85	171
Total	26	19	9	20	35	80	170	359

CAUSES OF DEATH OVER 65 YEARS.

CAUSE OF DEATH	65-70	70-75	75-80	80-85	85-90	90 and over	Total
Cerebral Haemorrhage, etc.	3	9	9	2	1	...	24
Heart Disease ...	13	24	13	2	1	...	53
Cancer	6	3	1	2	1	...	13
Bronchitis	3	4	2	1	...	...	10
Pneumonia ... ..	...	4	...	...	...	...	4
Senility	2	9	14	14	3	2	44
Suicide ... ..	...	...	...	...	...	...	...
Other Violence ...	...	...	...	...	...	...	...
Nephritis	4	1	1	1	...	...	7
Tuberculosis ... ..	...	...	...	...	...	...	...
Diabetes	3	1	...	...	...	...	4
Influenza ... ..	...	3	...	...	...	...	3
Other Defined Diseases	2	2	1	3	...	...	8
TOTAL ...	36	60	41	25	6	2	170

Deaths from Puerperal Causes.

		<i>Deaths.</i>	<i>Rate per 1,000 (live and still births).</i>
Puerperal Sepsis	... ..	—	—
Other Puerperal Causes	...	1	2.08
		—	—
<i>Total</i>	...	1	2.08
		—	—

Death Rate of Infants under 1 year of age.

All Infants per 1,000 Live Births	...	55.6
Legitimate Infants per 1,000		
Legitimate Live Births		53.5
Illegitimate Infants per 1,000		
Illegitimate Live Births		105.2

The following table shows the Infantile Mortality Rates for the last 5 years :—

<i>Year.</i>	<i>No. of deaths of Infants un- der one year.</i>	<i>Infantile Mortality Rate.</i>
1933	30	79.2
1934	22	48.0
1935	30	62.0
1936	29	68.8
1937	26	55.6

Deaths from Cancer (all ages)	... ..	31
Measles (all ages)	... ..	3
Whooping Cough (all ages)	...	3
Diarrhoea (under 2 years of age)	...	Nil

DETAILS OF THE CAUSES OF DEATHS OF
INFANTS UNDER ONE YEAR.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total Under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under One Year.
Measles	::	:	::	::	::	::	::	::	::	::
Scarlet Fever	::	::	::	::	::	::	::	::	::	::
Whooping Cough	::	::	::	::	::	::	::	::	::	::
Diphtheria	::	::	::	::	::	::	::	::	::	::
Influenza	::	::	::	::	::	::	::	::	::	::
Tuberculous Meningitis ..	::	::	::	::	::	::	::	::	::	::
Other Tuberculous Diseases	::	::	::	::	::	::	::	::	::	::
Convulsions... ..	1	1	...	1	3	...	1	...	...	4
Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...
Bronchitis ... ..	...	...	...	...	...	1	1	...	1	3
Pneumonia ... ..	...	...	...	1	1	3	...	...	...	4
Diarrhœa ... ..	...	...	...	...	...	...	...	...	...	...
Enteritis ... ..	...	...	...	...	...	...	2	1	...	3
Gastritis ... ..	...	...	...	...	...	...	...	...	...	...
Suffocation, overlaying	...	...	...	...	...	...	...	...	...	...
Atrophy, Debility and	...	...	...	...	...	...	...	...	...	...
Marasmus ... ..	...	...	...	...	...	...	...	...	...	...
Congenital Malformations	1	...	...	...	1	...	...	...	...	1
Premature Birth	7	...	...	...	7	...	1	...	...	8
Other Causes	2	...	...	...	2	...	...	..	1	3
TOTALS	11	1	...	2	14	4	5	1	2	26

Section B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Laboratory Facilities.

The facilities for the Laboratory examinations remain the same.

The number of specimens examined during the year was as follows:—

(a) *Municipal Laboratory.*

		<i>Positive.</i>	<i>Negative.</i>	<i>Total.</i>
Sputa	...	8	39	47
Swabs	...	18	265	283
<hr/>				
<i>Total</i>	...	26	304	330
<hr/>				

(b) *Cumberland Pathological and Bacteriological Laboratory, Carlisle.*

Blood for Typhoid	...	...	8
Faeces for Typhoid	...	...	7
Sputa for Tuberculosis	...	...	1
Swabs for Diphtheria	...	...	12
Urine Examinations	...	...	2
Cerebro-Spinal Fluid	...	...	3
<hr/>			
<i>Total</i>	...		33
<hr/>			

Ambulance Facilities.

There is no change in the ambulance facilities for the area. An agreement was entered into during the year between the Workington Corporation and the Cockermouth Rural District Council whereby the Workington Corporation will provide a motor ambulance service for the Parishes of Seaton, Great Clifton, Little Clifton and Winscales. The Cockermouth Rural District have agreed to pay the Workington Corporation a retaining fee of £10 per annum for this service.

Nursing in the Home.

As the result of the Harrington District being joined to Workington, the Workington District Nursing Association and the Harrington District Nursing Association have now been amalgamated into one association known

as the Workington District Nursing Association. This association now employs three nurses who are fully engaged in District Nursing.

Clinics and Treatment Centres.

There are no changes to report. The following is a list of the Services provided :—

Child Welfare Clinic on Tuesday and Wednesday at 2 p.m.

Ante-Natal Clinic on Monday at 4 p.m.

Tuberculosis Dispensary on Monday and Friday at 2 p.m.

Cripple Clinic on Thursday at 10 a.m.
(Once a month).

Dental Clinic for Expectant Mothers,
Saturday at 9-30 a.m.

Birth Control Clinic (Sessions held according to cases).

Hospitals.

The Hospital facilities both Public and Voluntary, have been fully described in previous reports and there has been no change during the year. The County Council Scheme for the centralisation of Infectious Diseases Hospitals in the County is still under consideration.

MATERNITY AND CHILD WELFARE.

Midwifery and Maternity Services.

There were seven midwives in practice during the year, two of whom were employed by the Workington Corporation.

The following table shows the number of cases attended by the two Municipal Midwives :—

	Jan.	Feb.	Mar.	Apl	May.	June	July	Aug.	Sept	Oct	Nov.	Dec
Midwifery Cases ...	19	5	20	15	12	16	20	13	12	12	10	12
Nursing Visits	416	347	426	439	381	486	356	383	330	402	433	232
Ante-Natal Visits	168	140	141	156	115	134	114	108	96	146	139	99

Total No. of Cases ... 166

Total No. of Nursing Visits ... 4,631

Total No. of Ante-Natal Visits ... 1,556

Midwives Act, 1936.

It was decided that four domiciliary midwives be the number required under the Act to attend cases of midwifery in the Borough of Workington. These appointments were made towards the end of the year and the midwives will commence duty on January 1st, 1938.

Medical Examination of Expectant Women.

All uninsured expectant women are medically examined at least once during the expectant period.

	Place of Examination.				Total
	At Home	Dr's Surgery	Clinic	Infirmmary	
1st Examination	143	142	91	6	382
2nd Examination	17	12	3	...	32
3rd Examination	1	...	...	...	1
4th Examination	...	...	...	...	...
	161	154	94	6	415

Findings at Examinations.

Normal Cases	...	...	...	246
Abnormal Cases	...	...	...	142
				<hr/>
				388
				<hr/>

Recommended for Hospital:—

(a) On account of home conditions	...	33
(b) On account of patient's condition	...	12
Recommended to have a Doctor at confinement	... ..	5
Recommended to have Specialist's opinion		1
Recommended to have extra nourishment		4
Recommended to have dental treatment...		120

*Summary of Abnormalities found during
Ante-Natal Examinations.*

Varicose Veins	...	...	...	...	28
Heart Conditions	...	...	...	...	2
Contracted Pelvis	...	...	...	...	27
Albuminuria and Oedema	...	...	...	...	56
Vaginal Discharge	...	...	...	...	9
Anæmia	...	...	...	...	5
Malpresentation	...	...	...	...	8
Hæmorrhage	...	...	...	...	1
Other Conditions	...	...	...	...	6
					<hr/>
					142
					<hr/>

Dental Treatment for Expectant Women.

The number of expectant women who were recommended to have dental treatment, was 120, sixty-seven of whom actually received treatment. The sixty-seven women who received treatment made ninety attendances at the clinic. The treatment was as follows:—

Extractions	...	...	...	275
Fillings	...	...	...	4
Other Operations	...	...	...	4

Institutional Treatment for Mothers or Children.

The Maternity Ward of the Workington Infirmary admits cases from the Borough.

The particulars of the total admissions for 1937 are as follows:—

No. of Cases admitted	...	...	180
No. of Cases delivered by:—			
(a) Midwives	...	...	124
(b) Doctors	...	...	46
(c) Caesarean Section	...	...	1
Average duration of stay in hospital			14 days.
Medical help sought by Midwives...			30
No. of children not entirely breast-fed whilst in the Maternity Ward			2
No. of Maternal Deaths	...	...	1
No. of infants dying within 10 days of birth	...	...	3
No. of Cases notified as:—			
(a) Puerperal Fever	...	...	Nil
(b) Puerperal Pyrexia	...	...	Nil

There was an increase of 10 admissions to the Maternity Ward compared with the previous year.

Seventy-seven women were admitted to the Maternity Ward under the scheme of reduced charge and the contributions made were as follows:—

Admitted Free	...	...	27
5/- per week	...	...	24
7/6 „ „	...	...	4
10/- „ „	...	...	11
15/- „ „	...	...	7
20/- „ „	...	...	3
25/- „ „	...	...	1

—
77
—

Health Visitors.

The following were the home visits paid by the two Health Visitors :—

A.—Visits paid to Infants under 1 year :—

First Visits	...	...	...	497
Total Visits	...	...	...	4,416

B.—Visits paid to Children between

1-5 years	3,885
-----------	-----	-----	-----	-------

C.—Expectant Mothers :—

First Visits	...	...	...	18
Total Visits	...	...	...	51

The Health Visitors are in charge of the Assisted Milk Scheme and issue dried milk to mothers and infants at cost price or free according to the home circumstances. Unfortunately, a good deal of time is spent by the Health Visitors giving out milk, keeping records, and accounting for money received. The major part of this work could easily be done by a female clerk. A scheme is at present under consideration by the Public Health Committee with a view to employing a female clerk who could be wholly employed on Maternity and Child Welfare records, and be responsible for the issues of dried milk. The scheme, if agreed to by the Public Health Committee would relieve the present overworked clerical staff in the Health Department, and permit more time to the Health Visitors for visiting the homes of mothers and infants.

The following shows the amount of dried milk issued under the Assisted Milk Scheme :—

			Dried Milk).		
			(No. of Packets).	Malt Foods.	Total.
Free Issues	...	...	5,781	325	6,106
Sales	...	...	1,817	28	1,845
<i>Total</i>			7,598	353	7,951

As an alternative to dried milk, liquid milk is given to mothers who cannot take dried milk. The amount of liquid milk for which vouchers were issued was 23 gallons.

Notification of Births Act, 1907.

The provisions of this Act have been carried out satisfactorily and notifications have been received within the prescribed time.

No. of Live Births notified	...	...	470
No. of Still Births notified	...	...	12
			<hr/>
	<i>Total</i>	...	482
			<hr/>

Births notified by :—

(a) Midwives	...	...	...	453
(b) Doctors	...	...	...	10
(c) Doctors and Midwives	...	...	...	19
				<hr/>
	<i>Total</i>	...	...	482
				<hr/>

Orthopædic Treatment.

The scheme for the treatment of crippled children under 5 years has been fully described in a previous report. The scheme continues to work smoothly and gives good results.

No. of cases on register 1st January, 1937	16
No. of cases removed from register :—	
(a) Deformity corrected	2
(b) Transferred to School List ...	3
(c) Left District	1
	—
	6
	—
No. of new cases ascertained	6
No. of cases on register 31st Dec. 1937 ...	16

Of the 16 cases on the register the causes of crippling conditions were due to :—

Infantile Paralysis	...	...	...	2
Injury at Birth	...	...	...	2
Rickets	...	...	...	8
Congenital Defects	...	...	...	4

Section C.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

There has been no new extension to trunk water mains. The water supply is both satisfactory in quality and quantity. Analysis of the water has been carried out twice during the year.

Crummock Water.

CHEMICAL AND BACTERIOLOGICAL ANALYSIS.

pH.	6.6	...	...	...	...	100,000
Oxygen absorbed from permanganate at						
27° in 15 mins.	...	...	...	...	...	0.020
Oxygen absorbed from permanganate at						
37° in 4 hrs.	...	...	...	...	...	0.046
Free and Saline Ammonia	...	...	...	...	...	0.0008
Albuminoid Ammonia	...	...	...	...	...	0.0076
Chlorine present as chlorides	...	...	...	...	...	0.8
Total hardness	...	...	...	...	...	1.75
Permanent hardness	...	...	...	...	...	1.50
Temporary hardness	...	...	...	...	...	0.25
Total solids	...	...	...	...	...	4.1
Solids in suspension	...	...	...	...	...	0.4
Heavy Metals	...	...	...	...	...	Absent

Agar Count at 27°—72 colonies per c.c.

Agar Count at 37°—5 colonies per c.c.

Coli—Aerogenes count—1 coliform bacillus per 100 c.c. and is faecal in origin, *i.e.* Methyl Red—positive. Voges Proskauer—negative.

Date of sample : —8th November, 1937.

Harrington Water Supply.

CHEMICAL ANALYSIS IN PARTS PER 100,000.

Total Solid matter in solution dried at 212° Fahr.	4.000
Chlorine as chlorides	1.050
Free Ammonia	0.001
Albuminoid Ammonia	0.003
Nitrogen existing as Nitrates	Nil.
Oxygen absorbed in 15 mins. at 80° Fahr. ...	0.007
Oxygen absorbed in 4 hrs. at 80° Fahr. ...	0.014
Lead and other poisonous metals	Nil.
Hardness before boiling	2.25°
Hardness after boiling	1.50°
Appearance in 2 foot tube	Clear, blue
Smell when heated to 100° Fahr.	None.
Microscopical Examination ...	Slight deposit of vegetable debris; a few mineral particles.

Date of sample :—3rd November, 1937.

Recently attention has been brought to the notice of Local Authorities to the importance of securing a pure and plentiful supply of water. With this in view the Water Committee of the Corporation has decided that the water supply to the Borough shall be examined bacteriologically and chemically once in each quarter of the year.

Drainage and Sewerage.

The following extensions to the sewerage system were carried out during the year :—

Sewers—

- *Laverock Hall Housing Estate,
 - 373 lineal yards of 12ins dia. main.
 - 277 lineal yards of 9ins. dia. main.
 - 361 lineal yards of 6ins. dia. main.
 - 54 lineal yards of 4ins. dia. main.
- †Salterbeck Housing Estate,
 - 233 lineal yards of 9ins. dia. main.

- † Frostoms Housing Estate,
 233 lineal yards of 9ins. dia. main.
 * Sewers laid by private builders.
 † Sewers laid by Corporation.

Gullies—

Twenty-nine new gullies have been fixed and twenty gullies were taken out and replaced by modern type of street gully.

Closet Accommodation.

The Stainburn District is now sewered and it is expected that all the houses in this district will be connected up at an early date. At the end of the year there were 37 earth closets in the Stainburn District and eight in the outlying districts of the Borough.

Twenty-six houses at Findlay Place which is the property of the L.M.S. Railway Company are at present on the slop closet system. This system is unsatisfactory and negotiations have been taking place for some time between the Health Department and the Railway Company with a view to improving this system. The Railway Company has now agreed to change the slop closet system to the pedestal system, and it is hoped that the work will be commenced at an early date.

Public Cleansing.

A new "Scammel" refuse collecting vehicle was purchased by the Corporation and is now in use. Otherwise the system of collection and disposal of refuse remains the same. An improvement has been under consideration with regard to refuse bins. At present most of the houses have no sanitary refuse bin and the refuse is "put out" in boxes, pails, etc. It might be advisable to proceed in this matter under Section 75 of the Public Health Act, 1936, so that each house will be provided with a standardised sanitary refuse bin.

Shops.

Particulars of the action taken under the Shops Act 1934 are referred to in the Chief Sanitary Inspector's Summary.

Swimming Baths.

Attention has been given to the condition of water at the Corporation's Swimming Baths. Samples of the water have given a satisfactory analysis, and tests made have shown that chlorination is efficient.

Eradication of Bed Bugs.

In giving consideration as to what measures should be taken for the education of tenants to prevent infestation and re-infestation after cleansing, it appears that the matter is of great importance because, firstly, the housing estates of the Corporation are extensive, and are still growing, and, secondly, numerous cases of bug infestation have been reported to the Health Department. Some arrangement might be made in the near future in the way of giving personal advice of a helpful nature to tenants. This should go a long way to prevent infestation of these houses, and re-infestation after cleansing.

The regulations on the back of the rent books do not cover what is required in this direction, and I would therefore suggest that some one possessing the necessary qualifications and experience be appointed to make personal contact with the tenants. In this way advice could be given in educating tenants in the proper method of using modern sanitary fittings and the orderly running of a house to ensure cleanliness.

This arrangement has been done with success by other Authorities, and is worthy of serious consideration.

Schools.

Frequent visits have been paid to schools to inspect

the sanitary arrangements and water supply in the elementary schools.

A number of school closures took place on account of epidemic illness, and were as follows :—

Closed from 19th January to 8th February, 1937—

INFLUENZA.

St. Patrick's R.C. Junior.	Central Girls'
St. Patrick's R.C. Infants'	Victoria Infants'
St. Joseph's R.C. Senior.	Siddick
St. Joseph's R.C. Infants'.	St. Michael's Girls'
Harrington Church Rd. Infnts.	St. Michael's Infants'
Harrington St. Mary's R.C.	St. John's Boys'
Harrington Victoria Senior.	St. John's Girls'
Senior Boys'	St. John's Infants'
Senior Girls'	Lawrence Street Infants'
Central Boys'	

Closed from noon 20th January to 8th February, 1937—

INFLUENZA.

Harrington Church Rd. Junr.	Northside Mixed
St. Michael's Boys'	Northside Infants'
Westfield Mixed	Lawrence Street Mixed
Westfield Infants'	

Closed from 20th October to 29th October, 1937, inclus.—

SCARLET FEVER.

Westfield Infants'	Westfield Mixed
--------------------	-----------------

Closed from 20th October to 29th October, 1937, inclus.—

MEASLES.

St. John's Infants'	Victoria Infants'
St. Michael's Infants'	St. Joseph's R.C. Infants'
Lawrence Street Infants'	St. Patrick's R.C. Infants'

Closed from 24th November to 3rd December, 1937 inclus.

MEASLES.

Harrington Church Road Infants'.

Closed from noon, 6th to 10th December, 1937, inclus.—

MEASLES.

Harrington Church Road Infants'.

Closed from 13th to 23rd December, 1937, inclus.—
MEASLES.

Northside Infants'

Westfield Infants'

Section D.

HOUSING.

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR :
 - (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 991
 - (b) Number of inspections made for the purpose 2012
 - (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 323
 - (b) Number of Inspections made for the purpose 912
 - (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 266
 - (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects fit for human habitation 725
2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICE :

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or other officers ... 646
3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :
 - (a) Proceedings under Sections 9, 10, and 16 of Housing Act 1936 :
 - (1) Number of dwelling-houses in respect of which notices were served requiring repairs 79

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By Owners	79
(b) By Local Authority in default of owners	Nil
(b) Proceedings under Public Health Acts :	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	Nil
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :	
(a) By Owners	Nil
(b) By Local Authority in default of owners	Nil
(c) Proceedings under Sections 11 and 13 of the Housing Act 1936 :	
(1) Number of dwelling-houses in respect of which Demolition Orders were made	37
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	1
(d) Proceedings under Section 12 of the Housing Act, 1936 :	
(1) Number of separate tenements or underground rooms in respect of which Closing were made	11
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

4. HOUSING ACT, 1936, PART IV.—OVERCROWDING :

(a) (1) Number of houses overcrowded at the end of the year		187
(2) Number of families dwelling therein		271
(3) Number of persons dwelling therein		1351
(b) Number of new cases of overcrowding reported during the year		36
(c) (1) Number of cases of overcrowding relieved during the year		55
(2) Number of persons concerned in these cases		308

- (d) Particulars of any cases in which dwelling houses have become overcrowded again after the Local Authority have taken steps for the abatement of overcrowding ... Nil
- (e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report :—

During the year 70 houses in clearance areas came before a Ministry of Health Enquiry. Furthermore 196 individual unfit houses were reported to the Local Authority.

In regard to the 36 houses which were new cases of overcrowding during the year, the reason was due to children of 9 years of age becoming 10 years old and counting as full units.

The 55 cases of overcrowding which were relieved during the year occurred in the following ways :—

- (a) 4 cases in Council houses were relieved by transfer.
- (b) 5 cases helped by the Housing Committee.
- (c) 39 cases relieved by Slum Clearance.
- (d) 7 cases moved from one part of the town to another with the help of House Agents.

Section E.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

There were at the end of the year, within the Borough, 67 purveyors on the register, and also 28 producers of milk.

For the most part producers and retailers have carried out the regulations in a satisfactory manner. Unfortunately, one milk retailer was most unsatisfactory both as regards his distribution and the quality of milk supplied. He had received repeated warnings over a period of three years from the Chief Sanitary Inspector on account of dirty milk utensils, and supplying unclean milk. He was asked to appear before the Public Health Committee on three occasions when it was pointed out to him that it might be necessary to take drastic action. In spite of all these warnings matters did not improve and eventually a recommendation went to the Local Authority asking that his name be struck off the register. He appeared before the Council and after his case was carefully considered his name was struck off the register of milk retailers. An appeal was made to the Court of Summary Jurisdiction, but the Court upheld the decision of the Council.

Bacteriological Examination of Milk.

During the year 170 samples of milk were taken and submitted to the Bacteriologist for complete bacteriological examination.

The following are the results of the examinations:—

MILK PRODUCED IN THE BOROUGH.

			%
No. of samples taken	...	74	
Satisfactory	... ..	36	or 48.6
Unsatisfactory	... ..	38	or 51.4

MILK PRODUCED OUTSIDE THE BOROUGH.

No. of samples taken	...	96	
Satisfactory	... ..	45	or 46.8
Unsatisfactory	... ..	51	or 53.2

There is a much larger percentage of unsatisfactory samples as compared with the previous year. The reason for this seems to be due to the introduction of the Methylene Blue Test. Many of our Producers of Milk who take every care and are looked upon as clean producers find great difficulty in passing this test.

The following table shows the number of samples which have been clean, unclean and T.B. positive during the last five years :—

Year	Satisfactory	Unsatisfactory	T.B Positive	Percentage Satisfactory
1933	23	25	1	48·0
1934	60	40	2	60·0
1935	62	39	4	61·0
1936	80	25	...	78·1
1937	81	89	5	47·6

Milk (Special Designations) Orders, 1923 and 1936.

There is one purveyor of Tuberculin Tested Milk, five producers of Accredited Milk, of which two retail, and two purveyors of Pasteurised Milk.

Twenty-four samples were sent for examination in respect of the above orders. Three samples from one source were unsatisfactory.

Meat.

The shops, stalls and vehicles where meat is exposed for sale have been frequently inspected. The Meat Regulations have been well complied with.

The site for the new Slaughterhouse has been agreed upon.

The following are the details of carcasses inspected and condemned :—

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	1487	158	161	7072	2663
Number inspected	1487	158	161	7072	2663
All diseases except Tuberculosis, whole carcasses condemned	1	—	3	7	7
Carcasses of which some part or organ was condemned	110	9	4	10	51
Percentage of the number inspected affected with disease other than tuberculosis	7.47	5.69	4.35	0.24	2.18
Tuberculosis only, whole carcasses con- demned	5	4	—	—	1
Carcasses of which some part or organ was condemned	63	20	1	—	197
Percentage of the number inspected affected with tuberculosis	4.57	15.19	0.62	—	7.43

SUMMARY OF RESULTS OF BACTERIOLOGICAL EXAMINATIONS.

METHYLENE BLUETEST.													BACILLUS COLI			T. B.			
1936. MONTH.	Time taken to reduce colour in hours.												Colour not reduced	Presence in 3 Tubes			Pos	Neg	
	1 ½	1	1½	2	2½	3	3½	4	4½	5	5½	Test		1	2	3			Ab- sent
JANUARY ..	—	—	—	—	—	—	—	—	—	—	—	—	—	}	—	—	—	—	
FEBRUARY ..	—	—	—	—	—	—	—	—	—	1	1	5	—						
MARCH ..	—	—	—	—	—	—	1	2	1	—	—	23	used						27
APRIL ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MAY ..	4	2	4	8	1	4	3	2	3	—	—	23	7	5	20	22	—	54	
JUNE ..	3	5	1	—	—	—	1	—	—	—	—	2	1	—	9	2	—	12	
JULY ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
AUGUST ..	3	2	3	2	3	1	2	2	1	—	—	3	—	—	6	16	—	22	
SEPTEMBER..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
OCTOBER ..	1	1	—	—	—	—	3	—	2	—	—	15	2	4	9	7	—	22	
NOVEMBER ..	—	—	—	—	1	—	—	—	2	1	—	18	3	1	3	15	2	20	
DECEMBER ..	—	—	—	—	—	—	—	—	—	1	—	3	2	—	1	1	3	1	

Section F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

The chief points of note in regard to notifiable and non-notifiable diseases during the year were:—

No cases of Smallpox or Cerebro-Spinal Fever.

Small number of cases of Diphtheria.

Increase in number of cases of Scarlet Fever.

Prevalence of Influenza in early part of year.

Measles present in epidemic form.

CASE RATES OF INFECTIOUS DISEASES.

Disease.	Case Rate for Workington per 1,000 of population.	Case Rate per 1,000 living in England and Wales.
Smallpox	0·00	0·00
Scarlet Fever	1·31	2·33
Diphtheria	1·02	1·49
Enteric Fever	0·04	0·05
Puerperal Fever	0·00*	} 13·93*
Puerperal Pyrexia	8·35*	
Erysipelas	0·58	0·37

* Rates per 1,000 Births (live and still).

Diphtheria.

The number of notifications of Diphtheria was 30, eight less than the previous year. The type of infection in the majority of cases was mild and there were no deaths. The cases, all of whom were school children with the exception of nine, were scattered throughout the Borough, and mostly occurred in the early months of the year.

The question of immunisation against Diphtheria was considered by the Public Health Committee, and it was decided to ascertain the number of parents willing to have their children immunised.

The parents of children under 11 years of age were communicated with and only 25% replied giving their consent. No further action has been taken in this direction.

A number of school children from the senior schools attend the Holiday Camps at Drigg and Silecroft. It is a condition that no child is allowed to go to camp unless immunised against Diphtheria. This year two hundred and seventy children were immunised before going to camp in July.

The arrangements for the supply of Antitoxin free to General Practitioners has been described in previous reports. Antitoxin for the early treatment of Diphtheria is readily obtainable, and the Medical Practitioners make prompt use of these facilities.

Scarlet Fever.

The number of notifications of cases of Scarlet Fever was 36. This number is a large increase on the number of the previous year. The area mostly affected was the Corporation's Housing Estate at Salterbeck, and the children attending Westfield School. No less than 21 out of the 36 cases came from this area. It was ascertained that there were two missed cases of Scarlet Fever at the beginning of the outbreak. These particular cases showed mild rash symptoms and it was only in the desquamation stage that the disease was diagnosed. The cases increased during the month of October and it was considered advisable to close Westfield School (mixed and infant departments) from the 20th October to the 29th October, in order to prevent infection in school. During this period the Chief Sanitary Inspector arranged for a complete disinfection of the school premises. All the cases of Scarlet Fever which occurred during the year were removed to the Isolation Hospital, with the exception of two who were nursed at home. There were no deaths from this disease.

Typhoid Fever.

One case of Typhoid Fever was notified. The case was a man aged 44 and worked in the Cleansing Department of the Corporation. There was no definite source of infection but the suspicious aspect of the case was that he was a son-in-law of a patient removed to hospital the previous year suffering from Typhoid Fever and lived in the same district of the town. After a few weeks treatment in hospital the patient recovered and returned home.

Erysipelas.

There were sixteen cases of Erysipelas notified. All the cases were nursed at home, and there were no deaths.

Puerperal Pyrexia.

There were four notifications of Puerperal Pyrexia. Two were treated at a private nursing home in the Borough, and one was fatal.

Influenza.

Influenza appeared in epidemic form in the month of January. During that month there were five deaths from Influenza. The school children in the Borough to a large extent suffered from Influenzal colds, and on this account all the elementary schools were closed from the 20th January to the 1st February. During this period the Sunday Schools were closed and no children were admitted to the local cinemas. During the month of February the epidemic came to an end.

Measles and Whooping Cough.

Whooping Cough gave no trouble during the year, but during the month of October Measles was present in epidemic form. During this month the children attending the infant schools in the centre of the town were chiefly affected.

The epidemic later on spread to the outlying schools in Harrington, Westfield, and Northside districts. It was found necessary to close all the Infant Departments of the Schools for certain periods, with a view, if possible, of limiting the spread of infection.

Ophthalmia Neonatorum.

Three cases of Ophthalmia Neonatorum were notified. Two cases were referred to the Consulting Ophthalmic Surgeon and received institutional treatment. No case resulted in blindness.

	Notified.	Cases Treated.		Vision Unimpaired	Vision Impaired,	Total Blindness,	Deaths.
		At Home.	At Hosp.				
Ophthalmia Neonatorum	3	1	2	3	Nil.	Nil.	Nil.

NOTIFIABLE DISEASES IN AGE GROUPS AND WARDS during the year.

DISEASE.	AGE PERIODS											WARDS.							Total Cases Notified.	Removed to Hospital	Deaths.			
	Under 1 year	1 — 2	2 — 3	3 — 4	4 — 5	5 — 10	10 — 15	15 — 20	20 — 35	35 — 45	45 — 65	65 and over	St. John's North	St. John's South	St. Michael's West	St. Michael's East	Seaton Ward	South Ward				Harrington Ward		
Smallpox ...	—	—	—	—	—	—	8	4	1	—	—	—	4	1	—	—	6	2	5	1	—	30	30	4
Diphtheria ...	—	1	1	—	2	24	7	—	—	—	—	—	1	2	3	—	4	1	24	1	—	36	33	—
Scarlet Fever	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	—	1	1	—
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	—	—	—	—	—	—	—	1	3	—	—	—	1	—	—	—	2	—	1	—	—	4	2	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary	—	—	1	—	—	3	2	6	15	6	3	—	1	6	10	7	3	7	2	—	36	—	21	
Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Non-pulmonary	—	—	1	4	—	4	5	3	5	—	—	—	1	1	13	1	1	3	2	—	22	—	8	
Tuberculosis	—	2	3	9	6	31	4	1	—	4	9	3	2	5	2	8	33	7	1	—	57	—	—	
Chickenpox	1	—	—	—	—	—	—	—	—	—	—	3	1	4	2	6	2	1	—	—	16	—	—	
Erysipelas ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ophthalmia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Neonatorum	3	—	—	—	—	—	—	—	—	—	—	—	1	2	—	—	—	—	—	—	3	2	22	
Pneumonia ..	2	—	—	1	—	1	—	—	1	4	5	1	1	5	—	4	—	4	—	1	15	2	—	

TABLE SHOWING CASES, PATIENT DAYS AND DURATION
OF STAY IN HOSPITAL.

Disease	Cases from Work-ington	Cases ad-mitted from out-side dist's	Total	Patient days in Hospital all cases	Average duration of Stay
Scarlet Fever	33	4	37	1140	30.8
Diphtheria	31	13	44	1470	33.4
Diphtheria "Carrier "	1	2	3	74	24.6
Diphtheria Observation	4	..	4	60	15.0
Typhoid Fever	2	5	7	235	33.6
Pneumonia	1	1	2	24	12.0
Others	3	1	4	94	23.5
Total	75	26	101	3297	32.6

CANCER.

The following table shows the number of deaths from Cancer according to age and sex distribution :—

<i>Age Group.</i>	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>
20—30 years.	—	—	—
30—40 „	—	—	—
40—50 „	—	2	2
50—60 „	3	5	8
60—70 „	8	4	12
70—80 „	6	—	6
80—90 „	1	2	3
	—	—	—
<i>Total ...</i>	18	13	31
	—	—	—

PREVENTION OF BLINDNESS.

No case has arisen where it was necessary to take action under Section 66 of the Public Health Act, 1925, for the prevention of blindness or the treatment of persons suffering from any disease or injury to the eyes.

TUBERCULOSIS.

There was no necessity to take any action in regard to persons suffering from Tuberculosis employed in the

milk trade or under Section 62 of the Public Health Act, 1925, relating to the compulsory removal to hospital of persons suffering from Tuberculosis.

NEW CASES AND MORTALITY FROM TUBERCULOSIS DURING 1937.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1 ...		..	...	...	...	..	...	..
1—5 ...	1		3	2	...	...		2
5—10 ...	2	1	2	2	...		..	...
10—15 ...	1	1	2	3	...	...	2	1
15—20 ...	2	4	1	2	1	3	1	...
20—25 ...	4	6	1	1	3	4	...	1
25—35 ...	2	3	1	2	2	...	1	...
35—45 ...	3	3	...	...	2	3	...	...
45—55 ...	...	...	...	...	3	...	..	..
55—65 ...	3	...	...	...	...	...	...	...
65 & over.	...		...	...	...	...		...
Total	18	18	10	12	11	10	4	4

DEATHS FROM TUBERCULOSIS IN THE VARIOUS WARDS.

	St. John's North	St. John's South	St. Michael's West	St. Michael's East	South Ward	Seaton Ward	Harrington Ward	TOTAL
All Causes	33	82	86	61	53	14	30	359
Pulmonary Tuberculosis	2	4	4	6	3	2	—	—
Non-Pulmonary Tuberculosis	—	—	1	4	1	—	2	—

The following table shows the number of Tuberculosis cases on the Register on December 31st, 1937 : —

PULMONARY.			NON-PULMONARY.			Total Cases on Register.
Males.	Females	Total	Males	Females	Total	
53	59	112	33	33	66	178

SANATORIUM TREATMENT.

	In Institutions 1st. Jan. 1937.	Admitted.	Dis- charged	Died	In Institutions 31st Dec. 1937.
Pulmonary Cases—					
Adult Males ...	...	5	3	1	1
Adult Females ..	4	12	14	1	1
Children ...	5	2	2	.	3
Non-Pulmonary Cases					
Adult Males ..	...	1	1	..	...
Adult Females ...	1	...	1	...	...
Children ..	1	1	...	...	2
TOTAL ...	11	21	21	2	7

CAUSES OF DEATH IN WORKINGTON DURING THE YEAR 1937.

<i>Causes of Death.</i>				<i>Males.</i>	<i>Females.</i>
All Causes	...	...	...	176	177
1—Typhoid Fever	...	...	...	—	—
2—Measles	...	...	...	2	1
3—Scarlet Fever	...	...	...	—	—
4—Whooping Cough	...	...	...	—	3
5—Diphtheria	...	...	...	—	4

6—Influenza	...	...	...	12	5
7—Encephalitis Lethargica	...	...	...	—	—
8—Cerebro-Spinal Fever	...	...	...	—	—
9—Tuberculosis (Respiratory)	...	...	...	11	10
10—Other Forms of Tuberculosis	...	...	...	4	4
10—Syphilis	...	...	...	1	—
12—General Paralysis of the Insane, etc.	...	...	...	—	—
13—Cancer	...	...	...	18	13
14—Diabetes	...	...	...	3	4
15—Cerebral Hæmorrhage	...	...	...	18	18
16—Heart Disease	...	...	...	27	41
17—Aneurysm	...	...	...	2	—
18—Other Circulatory Diseases	...	...	...	8	4
19—Bronchitis	...	...	...	10	9
20—Pneumonia	...	...	...	15	7
21—Other Respiratory Diseases	...	...	...	1	2
22—Peptic Ulcer	...	...	...	5	—
23—Diarrhœa (under 2 years)	...	...	...	2	2
24—Appendicitis	...	...	...	1	—
25—Cirrhosis of Liver	...	...	...	—	—
26—Other Liver Diseases	...	...	...	1	1
27—Other Digestive Diseases	...	...	...	4	4
28—Acute and Chronic Nephritis	...	...	...	5	9
29—Puerperal Sepsis	...	...	...	—	—
30—Other Puerperal Diseases	...	...	...	—	1
31—Congenital Causes, etc.	...	...	...	10	2
32—Senility	...	...	...	5	10
33—Suicide	...	...	...	1	—
34—Other Violence	...	...	...	4	2
35—Other Defined Diseases	...	...	...	13	12
36—Ill-defined Causes	...	...	...	5	3
Special Causes (included in No. 35):					
Smallpox	...	...	...	—	—
Polioomyelitis	...	...	...	—	—
Polioencephalitis	...	...	...	—	—

FACTORIES, WORKSHOPS AND WORKPLACES.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES, INCLUDING INSPECTIONS MADE BY SANITARY INSPECTOR.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers Prosecuted (4)
Factories (including Factory Laundries)	29	6	...
Workshops (including Workshop Laundries)	389	21	..
Workplaces (other than Outworkers' premises)			
Total	418	27	...

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS OR WORKPLACES.

Particulars (1)	Number of Defects			Number of offences in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
<i>Nuisances under the Public Health Acts:—*</i>				
Want of cleanliness	6	6	...	...
Want of ventilation	2	2	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances	1	1	...	...
Sanitary accommodation:—				
insufficient	1	1	...	..
unsuitable or defective	16	16	...	...
not separate for sexes	1	1	...	...
<i>Offences under the Factory and Workshop Acts:—</i>				
Illegal occupation of underground bakehouse (s. 101 ... ..	...	...	...	...
Other Offences ..	..	..	...	...
(Excluding offences relating to out work and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops transfer of Power Order 1921.)				
Total	27	27	...	...

* Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

SANITARY INSPECTION OF THE AREA.

ANNUAL REPORT OF THE SANITARY INSPECTOR
FOR THE YEAR 1937.

TO R. W. MACPIERSON, ESQ., M.D., D.P.H.,
Medical Officer of Health.

Sir,

I herewith submit the following statement showing the number and nature of inspections, etc., during the year 1937; also the number of notices served and the various items dealt with:—

General Inspections	...	...	...	...	3,230
Inquiries re Infectious Diseases, Disinfection of Premises, etc.	...	...	...	...	106
Testing Drains	...	...	...	...	506
Cinemas	...	...	...	...	28
Social Clubs, etc.	...	...	...	...	20
Schools	...	...	...	...	21
Factories	...	...	...	...	29
Workshops	...	...	...	...	251
Bakehouses	...	...	...	...	138
Offensive Trades	...	...	...	...	101
Stables	...	...	...	...	9
Rat Infested Premises	...	...	...	...	21
Verminous Premises	...	...	...	...	92
Lodging Houses	...	...	...	...	39
Houses Let in Lodgings	...	...	...	...	34
Fish and Chip Shops	...	...	...	...	62
Shops Visited re Shops Act	...	...	...	...	223
Shops Visited re Meat and Other Foods	...	...	...	...	416
Markets, Stalls, Carts	...	...	...	...	279
Ice Cream Shops and Carts	...	...	...	...	91
Cowsheds and Dairies	...	...	...	...	279
Slaughterhouses	...	...	...	...	1,219
Caravans	...	...	...	...	56
Watercourses	...	...	...	...	22
Housing Inspections	...	...	...	...	845

Interviews with Owners, Tradesmen, etc. ...	424
Revisits	2,268
Samples of Milk taken for Bacteriological Examination	170
Samples of Graded Milk taken for Bacteriological Examination	24

NOTICES SERVED.

Informal Notices	668
Statutory Notices	79

At the end of the year 38 Informal Notices and Statutory Notices remained to be dealt with.

The attention of the Borough Surveyor has been called to the following defects:—

Choked Gullies or Sewers	28
Apparently Dangerous Structures ...	1
Waste or Poor Pressure of Water	11
Defective Stop Taps and Covers	4

SUMMARY OF WORKS EXECUTED.

DRAINAGE, ETC.—

Drains relaid	41
Cleansed or repaired	107
New gullies fixed	91
Soil-vent pipes renewed	3
Cleared by vacuum pump (free of cost to owner)	65
New sinks fixed	28
Waste pipes renewed or repaired	29

WATER CLOSETS—

Repaired or cleansed	21
Cisterns repaired or renewed	93
Service pipes repaired	8
New basins fixed	42
New traps fixed	2
Flushpipes renewed	5

Leaking joints repaired	...	...	...	24
Doors repaired or renewed	...	...	...	11
Seats repaired or renewed	...	...	...	34
Roofs repaired or renewed	...	...	...	14
Floors repaired or renewed	...	...	...	3
Cleansed or limewashed	...	...	...	9

HOUSES—

Roofs repaired	...	...	...	...	110
Chimneys repaired	...	...	...	...	30
Spouts cleansed or renewed	...	...	...	...	133
Window frames repaired or renewed	...	...	...	...	72
Sashcords renewed	...	...	...	...	29
Ceilings repaired or renewed	...	...	...	...	28
Exterior walls repaired or repointed	...	...	...	...	47
Interior walls remedied of dampness	...	...	...	...	119
Wallplaster remedied	...	...	...	...	66
Proper ventilated foodstores provided	...	...	...	...	59
Staircases repaired	...	...	...	...	7
Kitchen ranges repaired	...	...	...	...	23
Fireplaces repaired	...	...	...	...	14
Doors repaired or renewed	...	...	...	...	34
Insufficient water supply	...	...	...	...	28
Set pots repaired or renewed	...	...	...	...	13
Cleansed or redecorated	...	...	...	...	58
Floors repaired or renewed	...	...	...	...	103
Yard surfaces repaired or renewed	...	...	...	...	47
Yards cleansed	...	...	...	...	18
Accumulations removed	...	...	...	...	14
Poultry removed	...	...	...	...	2
Miscellaneous	...	...	...	...	23

FACTORIES, WORKSHOPS AND WORKPLACES.

During the year 418 visits have been paid, and on the whole these premises have been maintained in a satisfactory condition. 19 notices were served for various defects or nuisances, which were all remedied.

H.M. Inspector of Factories directed attention to two matters remediable under the Public Health Acts. These matters received attention and the Inspector was subsequently acquainted of action taken. 418 visits were made to Workshops (including Bakehouses) and 29 to Factories. 27 notices requiring improvements or cleanliness were served.

Notice was received under Section 107, Factory and Workshops Act, 1901, of one outworker. The premises were inspected and found satisfactory.

CINEMAS, SOCIAL CLUBS, LICENSED VICTUALLERS' PREMISES, ETC.

Periodical inspections have been made, and generally the premises have been maintained in a satisfactory condition.

The sanitary accommodation at several licensed premises has been improved, separate accommodation for male and female customers, and separate accommodation for the licensee, having been provided.

SCHOOLS.

The various Schools within the Borough have been visited, and during the holiday periods the drainage flushed and disinfected.

Several minor defects brought to the notice of the Director of Education have been speedily rectified.

SHOPS ACT, 1934.

Two hundred and twenty-three visits have been made to various shops in connection with the provisions of Section 10 of the Shops Act, 1934, viz.:—suitable and sufficient means of lighting and ventilation; reasonable temperature; suitable and sufficient washing facilities and sanitary conveniences; and suitable facilities for the taking of meals.

VERMINOUS PREMISES.

During the year 92 houses were found verminous (bugs, fleas, etc.), and it was necessary in 50 instances for

this Department to carry out the disinfestation work. The methods employed are by spraying with an effective insecticide, or by fumigation. Architraves, picture mouldings, skirtings, etc., are loosened or removed, wallpaper stripped, fireplaces windows, etc., sealed. Following disinfestation, tenants are instructed to wash bedding, scrub floors, etc., bedsteads to be taken to pieces and scrubbed with boiling water and paraffin. Re-papering of walls is discouraged, and the houses as far as possible are made bug-proof—wooden picture frames abolished, skirting boards replaced with cement skirtings, and wood-work reduced to a minimum.

The number of Council houses found infested with bed bugs was 11, other houses 25, and all were disinfested.

A careful examination of all furniture, etc., of persons re-housed from Clearance Areas and Individual Unfit houses is made, and where necessary suspected articles (especially straw mattresses) are destroyed. Every possible assistance and advice is given householders to prevent re-infestation, particularly regarding the purchasing of second-hand furniture and mattresses.

DAIRIES AND COWSHEDS.

The number of Milk Producers within the Borough is 28, and the number of Purveyors on the Register is 67. During the year action under Section 2 of the Milk and Dairies (Amendment) Act, 1922, was taken against a Purveyor of Milk, resulting in his name being removed from the Register.

The milk producing stock on the various farms has been periodically examined by a Member of the County Veterinary Officer's Staff, and I have again to record my appreciation for the valuable assistance rendered in various matters.

During the year 171 visits were paid to Dairies, and all were found to be well maintained. Letters of caution

were sent to 7 Purveyors relating to the marking of utensils, etc. The farms were visited on 108 occasions, mainly during milking periods with a view to discerning the cause of the several unsatisfactory samples.

INSPECTION OF MEAT AND OTHER FOODS.

During the year 1,058 day visits and 161 evening visits have been made to the two slaughterhouses within the Borough, and the meat of all animals killed was examined prior to removal.

The number of licensed slaughtermen is 48, and all animals are stunned by "Cash" Captive Bolt Pistols.

The majority of Butchers use the Harrington Road Slaughterhouse. The premises are totally unsuited for the purpose, and slaughtering, dressing, and inspection of meat are often carried out under trying conditions. I trust the erection of a new public abattoir will become an established fact in the near future.

The number of animals slaughtered during the year was 11,541, made up as follows:—

Cattle	1,645
Calves	161
Sheep	7,072
Pigs	2,663

During the year the following foodstuffs were voluntarily surrendered and destroyed:—

BEEF—Whole Carcasses.	Generalised Tuberculosis ...	9
	Uraemia	1
Part Carcasses/Organs.	Localised Tuberculosis ...	83
	Abscesses	39
	Parasitic and Other	
	Conditions	72
	Actinomycosis	2
	Bruised	3
	Fatty Infiltration	1
	Mastitis	2

PORK—Whole Carcases.	Generalised Tuberculosis ...	1
	Pneumonia	1
	Fevered	2
	Jaundice	1
	Localised Tuberculosis ...	197
	Cirrhosis	16
	Parasitic	10
Part Carcases/Organs.	Bruised	2
	Congestion	23
	Necrosis	1
MUTTON—		
Whole Carcases.	Moribund	1
	Pneumonia	1
	Emaciation	2
	Cysts	2
	Oedema	1
	Cysts	3
Part Carcases/Organs.	Abscess	1
	Rat Tainted	1
	Cirrhosis	5
	Immature	3
	Bruised	3
VEAL—Whole Carcases.	Localised Tuberculosis ...	1
	8½ stones.	
FISH.		
TIN PRESSED		
BRISKET OF BEEF.		4 lbs.
TIN TURKEY AND		
HAM ROLL.		5 lbs.

(Signed) RICHARD JAMES,

Chief Sanitary Inspector.

